

COMPOSITIONS COMPRISING FUNCTIONALIZED POLYPHENYLENE
ETHER RESINS

ABSTRACT OF DISCLOSURE

[0081] The invention relates to a method of forming a polyphenylene ether resin containing residual aliphatic unsaturation. A polyphenylene ether is reacted with a capping agent in a solvent to form the polyphenylene ether resin containing residual aliphatic unsaturation, which is precipitated from solution by combining the solution with an antisolvent. The precipitated polyphenylene ether resin containing residual aliphatic unsaturation has lower levels of residual impurities than the same compound isolated by devolatilization.